

**S2 Figure.** The effect of  $M_2$ -AA on proliferation of cultured rat T lymphocyte in vitro. The viability of T lymphocyte was detected by CCK8 assay. Both  $M_2$ -AA (0.1  $\mu$ mol/L) and  $M_2$  receptor agonist oxotremorine (0.1  $\mu$ mol/L) can promote the proliferation of T lymphocyte after treatment for 24 h. n=6/group. \*P<0.05  $\nu$ s. Vehicle. \*P<0.05  $\nu$ s.  $M_2$ -AA (-) IgG.  $M_2$ -AA, autoantibodies against  $M_2$  muscarinic receptor;  $M_2$ -AA (-) IgG,  $M_2$ -AA-negative IgG purified from healthy rat sera.